



Dust Control During Cleanup at HPNS

What is dust? How does it affect me?

Dust is a common air pollutant generated by many different sources and activities. Dust occurs naturally all around us and may be worsened by activities like construction, excess buildup of dirt on roadways, and weather conditions. Airborne dust affects every individual differently but can cause allergies, rashes, and aggravate respiratory conditions, such as asthma.

What is the Navy doing to control dust during cleanup at HPNS?

The Navy has implemented several measures to control dust on HPNS during construction activities. The Navy has prepared a basewide Dust Control Plan to ensure that all Navy contractors working at HPNS are following the same measures to decrease and minimize dust on active construction sites.

Soil Maintenance



Water is used to wet the soil during soil movement activities, such as excavation or grading, to minimize release of dust into the atmosphere



Soil stockpiled on HPNS is stored on top of plastic and then covered with a soil cementing compound or by a plastic sheet to prevent dust



Straw waddles are placed around soil stockpiles to prevent soil runoff during heavy rains

Air Monitoring



For all active construction projects, air monitoring stations are placed both downwind and upwind of cleanup activities



Soils are screened in the field for airborne contaminants



The Navy and regulatory agencies review air monitoring reports to ensure public safety

Durable Covers



Asphalt pavement reduces dust in larger areas



Soil covers with native vegetation reduce dust in open spaces



Rock walls minimize dust along the HPNS shoreline